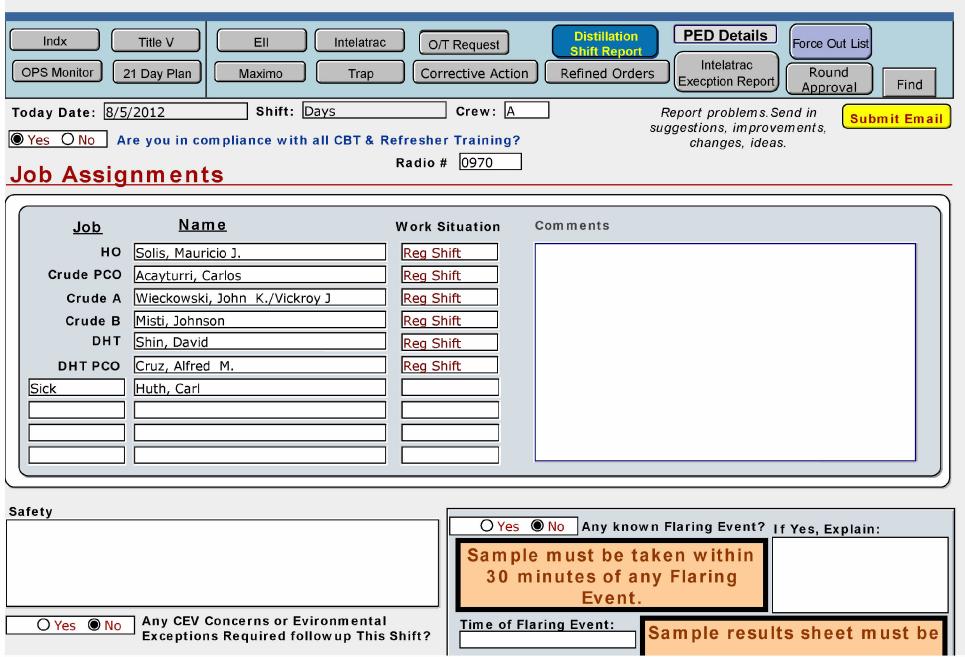
Distillation & Reforming Distillation HO



8/11/20 11:07:57 Distillation HO Turnover

© Yes O No Did all hydrocarbon pumps meet Reg 8 Compliance ? If 'No' please explain:	Time Sample Taken: Supervisor. Time of sample drawn must be written on sheet.
Crude * AG Tank Switch to T-3104 * Put P-1168A on line to determine status of seal leak Machinist checked it out and said it looks good. * Increased 2 S/C to DHT 1.5 mbpd. * P1165 lube oil cooler plugged, Kelly cooler in place * P1123 LO pump switch b/o in run position	* Welding on DHT fan decking will continue tomorrow K1100A - Ti 678 has bad thermocouple and TI-714 has bad wire from thermocouple to junction box. V1103 safety leaking, weep hole plug installed. FV020A air is blocked in to keep valve open. T3147 level gage Max. #344770 (status says complete), reading 10' There is no level checked by reel gauge 360342 P-1159A MOV E-1168 fin fan start stop switch replaced and fixed
Comments to / from RSC	OA/ SH/ RBM COMMENTS
H one yw e II	OMC COMMENTS A V
Plant Status	

Crude A Operational I ssues: Crude A Maintenance I ssues: P-1168A has inboard seal leak Maximo'd * P-1158 MOV electrically repaired but still does not close even when P-1159A MOV not working properly MAX # 360342 done manually like it is not engaging. Maximo'd * P-1148A E-use Shaft bushing next to gear box loose * P-1195 and P-1195A will require further maint in the near future Maximo #359944 Wear ring issues E use only. * FCC light side cut line blinded at the block valve in the channel * P-1109 LOTO'd for case vent pin hole leak. street trench. **Crude B Maintenance Issues:** Crude B Operational Issues: V-1 & V-2 LOTO'd . Calgon removed spent carbon. Ready to be opened for inspection. * V4 & V-5 lead. V-1 & V-2 LOTO'd for carbon change.

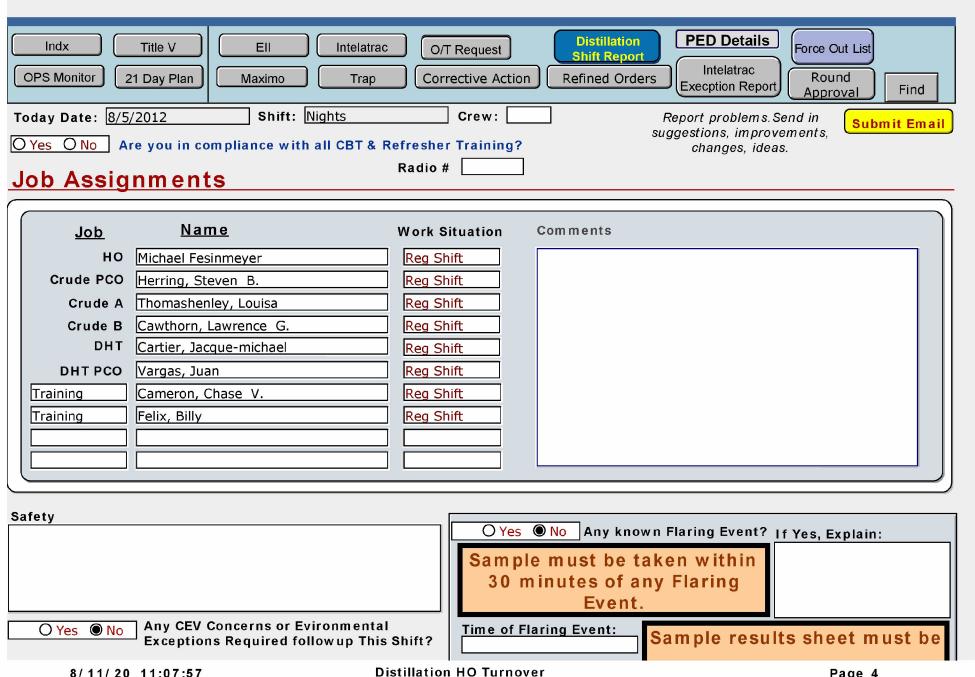
Make up H₂O to F-3930 suspected to leak by, B/I @ Flare P-3930A scheduled for maint. Pump piston slapping. Need to

manually start P-3930B for high level.

DHT/ 5H2S/ GHT Operational I ssues: DHT/ 5H2S/ GHT Maintenance I ssues: 5H2S DHT/ 5H2S/ GHT Maintenance I ssues: DHT/ 5H2S/ GHT Maintenance I ssues: * Possible tube leak in E-842.

8/11/2006 12:31:58 PM			
10/22/2008 4:27:50 PM	Adam Lovano	GHT	
1/8/2009 8:01:38 AM	Laura Lenahan	4cu	
4/2/2009 8:06:04 AM	Adam Lovano	DHT	
5/11/2009 5:07:41 PM	Adam Lovano	GHT	
10/13/2009 4:52:57 PM	Adam Beerman	5H2S/GHT	

Distillation & Reforming **Distillation HO**



Distillation HO Turnover

Yes No Did all hydrocarbon pumps meet Reg 8 Compliance ?	Saved and forwarded to Area Supervisor. Time of sample
If 'No' please explain:	Time Sample Run on GC: drawn must be written on sheet.
HO Operational I ssues:	HO Maintenance Issues:
* Put P-1168A on line to determine status of seal leak Machinist checked it out and said it looks good. * Increased 2 S/C to DHT 1.5 mbpd. * P1165 lube oil cooler plugged, Kelly cooler in place * P1123 LO pump switch b/o in run position	* Welding on DHT fan decking will continue tomorrow K1100A - Ti 678 has bad thermocouple and TI-714 has bad wire from thermocouple to junction box. V1103 safety leaking, weep hole plug installed. FV020A air is blocked in to keep valve open. T3147 level gage Max. #344770 (status says complete), reading 10' There is no level checked by reel gauge 360342 P-1159A MOV E-1168 fin fan start stop switch replaced and fixed
Comments to / from RSC	OA/ SH/ RBM COMMENTS
Honeywell	OMC COMMENTS
Plant Status	

Distillation HO Turnover Page 5 8/11/20 11:07:57

saved and forwarded to Area

* P-1158 MOV electrically repaired but still does not close even when done manually like it is not engaging. Maximo'd

- * P-1195 and P-1195A will require further maint in the near future Wear ring issues E use only.
- * P-1109 LOTO'd for case vent pin hole leak.

Crude A Maintenance Issues:

- P-1168A has inboard seal leak Maximo'd
- * P-1159A MOV not working properly MAX # 360342
- * P-1148A E-use Shaft bushing next to gear box loose Maximo # 359944
- * FCC light side cut line blinded at the block valve in the channel street trench.

Crude B Operational Issues:

Crude A Operational Issues:

V-1 & V-2 LOTO'd . Calgon removed spent carbon. Ready to be opened for inspection.

- * V4 & V-5 lead. V-1 & V-2 LOTO'd for carbon change.
- Make up H₂O to F-3930 suspected to leak by, B/I @ Flare
- * P-3930A scheduled for maint. Pump piston slapping. Need to manually start P-3930B for high level.

	crude l	ВМа	intena	nce I	ssues
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DHT/5H2S/GHT Operational Issues:

DHT

5H2S

DHT/ 5H2S/ GHT Maintenance Issues:

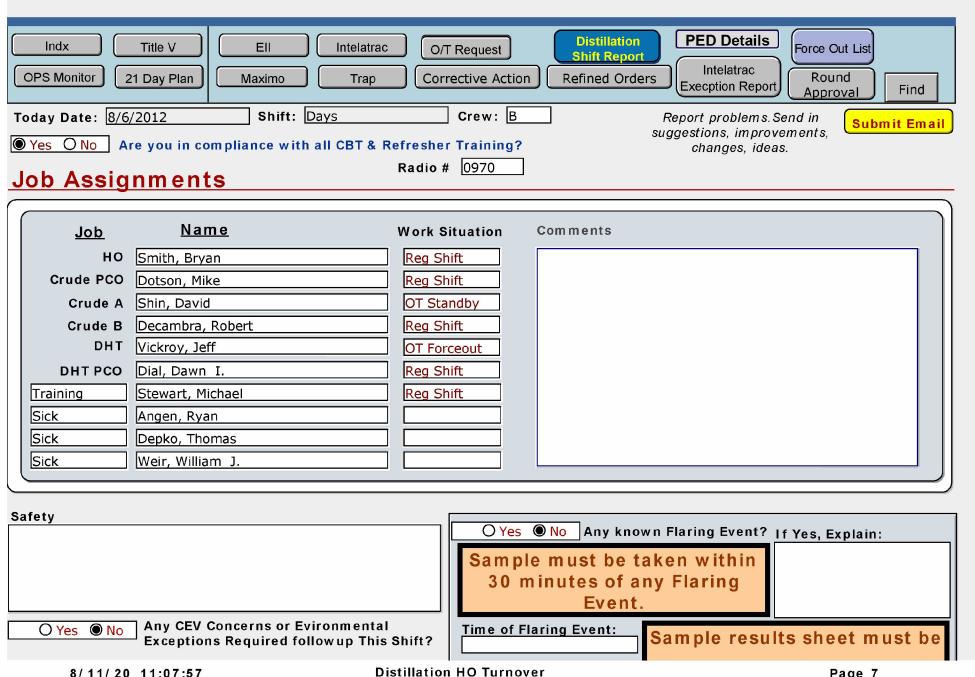
5H2S

DHT

Possible tube leak in E-842.

Distillation HO Turnover Page 6 8/11/20 11:07:57

Distillation & Reforming **Distillation HO**



Distillation HO Turnover

	Saved and forwarded to Area Supervisor. Time of sample
f 'No' please explain:	Time Sample Run on GC: drawn must be written on
	sheet.
HO Operational I ssues:	HO Maintenance Issues:
Crude * 2S/ C sample valve and cooler were replaced today * T-1108 PRD removed for maint. Blinded * P-1195 LOTO"D washed and now steaming for maint. * Put P-1168A on line to determine status of seal leak Machinist checked it out and said it looks good. * * P1165 lube oil cooler plugged. Kelly cooler in place	* Welding on DHT fan decking will continue tomorrow K1100A - Ti 678 has bad thermocouple and TI-714 has bad wire from thermocouple to junction box. V1103 safety leaking, weep hole plug installed. FV020A air is blocked in to keep valve open. T3147 level gage Max. #344770 (status says complete), reading 10' There is no level checked by reel gauge 360342 P-1159A MOV F-1168 fin fan start stop switch replaced and fixed
Comments to / from RSC	OA/ SH/ RBM COMMENTS
loneywell .	OMC COMMENTS
,	
Plant Status	

8/11/20 11:07:57 Distillation HO Turnover Page 8

saved and forwarded to Area

* P-1158 MOV electrically repaired but still does not close even when done manually like it is not engaging. Maximo'd

- * P-1195 and P-1195A will require further maint in the near future Wear ring issues E use only.
- * P-1109 LOTO'd for case vent pin hole leak.

Crude A Maintenance Issues:

- * P-1168A has inboard seal leak Maximo'd
- * P-1159A MOV not working properly MAX # 360342
- * P-1148A E-use Shaft bushing next to gear box loose Maximo #359944
- * FCC light side cut line blinded at the block valve in the channel street trench.

Crude B Operational Issues:

Crude A Operational Issues:

V-1 & V-2 LOTO'd . Calgon removed spent carbon. Ready to be opened for inspection.

- * V4 & V-5 lead. V-1 & V-2 LOTO'd for carbon change.
- * Make up H₂O to F-3930 suspected to leak by, B/I @ Flare
- * P-3930A scheduled for maint. Pump piston slapping. Need to manually start P-3930B for high level.

crude E	3 Main	tenance	Issues:

DHT/5H2S/GHT Operational Issues:

DHT

5H2S

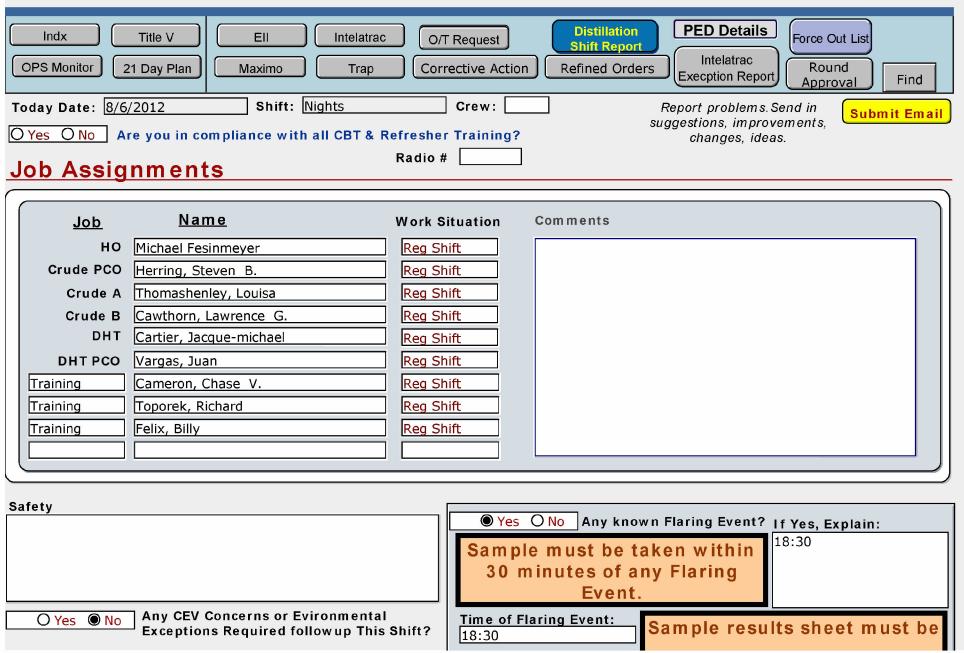
DHT/ 5H2S/ GHT Maintenance Issues:

5H2S

DHT

* Possible tube leak in E-842.

Distillation & Reforming Distillation HO



8/11/20 11:07:57 Distillation HO Turnover

	Time Sample Taken: 18:45 Time Sample Run on GC: saved and forwarded to Area Supervisor. Time of sample drawn must be written on sheet.
HO Operational I ssues:	HO Maintenance Issues:
Crude * 4 Crude Down due to Fire on P-1149/ A suction line All hand switches thrown Plot limit blocked in Fire controlled OSHA has plant taped off with no entry. * T-1108 PRD removed for maint. Blinded * P-1195 LOTO"D washed and now steaming for maint.	* Welding on DHT fan decking will continue tomorrow K1100A - Ti 678 has bad thermocouple and TI-714 has bad wire from thermocouple to junction box. V1103 safety leaking, weep hole plug installed. FV020A air is blocked in to keep valve open. T3147 level gage Max. #344770 (status says complete), reading 10' There is no level checked by reel gauge 360342 P-1159A MOV F-1168 fin fan start stop switch replaced and fixed
Comments to / from RSC	OA/ SH/ RBM COMMENTS
Honeywell	OMC COMMENTS
Plant Status	

* P-1158 MOV electrically repaired but still does not close even when done manually like it is not engaging. Maximo'd * P-1195 and P-1195A will require further maint in the pear future.

- * P-1195 and P-1195A will require further maint in the near future Wear ring issues E use only.
- * P-1109 LOTO'd for case vent pin hole leak.

Crude A Maintenance Issues:

- * P-1168A has inboard seal leak Maximo'd
- * P-1159A MOV not working properly MAX # 360342
- * P-1148A E-use Shaft bushing next to gear box loose Maximo #359944
- * FCC light side cut line blinded at the block valve in the channel street trench.

Crude B Operational Issues:

Crude A Operational Issues:

V-1 & V-2 LOTO'd . Calgon removed spent carbon. Ready to be opened for inspection.

- * V4 & V-5 lead. V-1 & V-2 LOTO'd for carbon change.
- * Make up H₂O to F-3930 suspected to leak by, B/I @ Flare
- * P-3930A scheduled for maint. Pump piston slapping. Need to manually start P-3930B for high level.

r	u	d	е	В	М	аi	n	te	n	a	n	ce	SS	u	e	S	

DHT/5H2S/GHT Operational Issues:

DHT

5H2S

DHT/ 5H2S/ GHT Maintenance Issues:

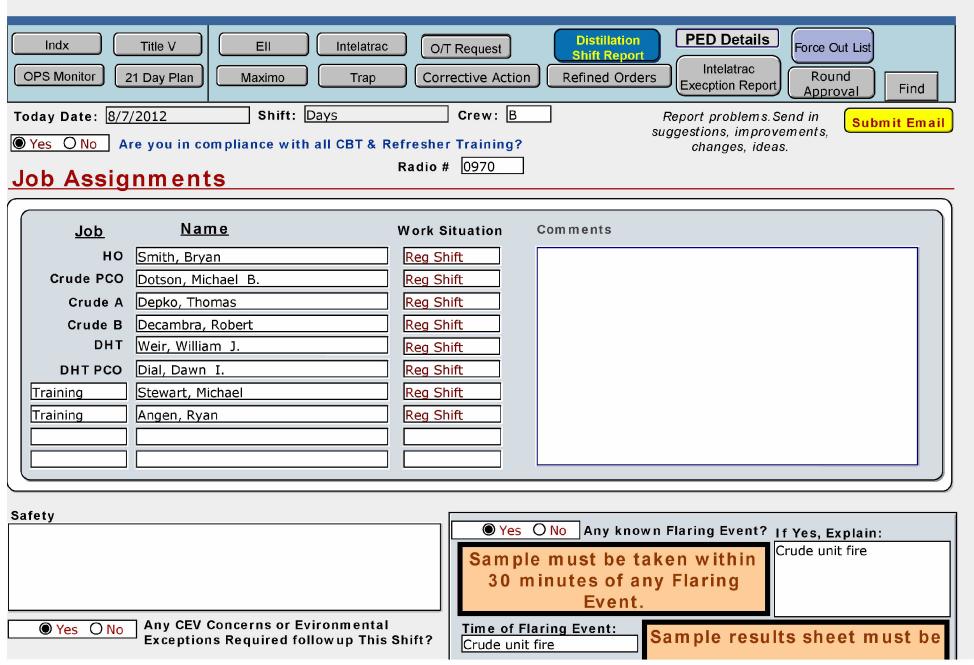
5H2S

DHT

* Possible tube leak in E-842.

Adam Lovano	GHT	
Laura Lenahan	4cu	
Adam Lovano	DHT	
Adam Lovano	GHT	
Adam Beerman	5H2S/GHT	
	Laura Lenahan Adam Lovano Adam Lovano	Laura Lenahan 4cu Adam Lovano DHT Adam Lovano GHT

Distillation & Reforming Distillation HO



8/11/20 11:07:57 Distillation HO Turnover

O Yes No Did all hydrocarbon pumps meet Reg 8 Compliance? If 'No' please explain: Crude unit fire	Time Sample Taken: Supervisor. Time of sample drawn must be written on sheet.
Crude Washed resid line from p-1198 to sda Wash oil on 7 and 8 cut to rlop Flushing 8 S/ C to E-1164's MCC 480 volt de-energized Computer room cards overheating, instrumentation disconnecting them for now	* Welding on DHT fan decking will continue tomorrow K1100A - Ti 678 has bad thermocouple and TI-714 has bad wire from thermocouple to junction box. V1103 safety leaking, weep hole plug installed. FV020A air is blocked in to keep valve open. T3147 level gage Max. #344770 (status says complete), reading 10' There is no level checked by reel gauge 360342 P-1159A MOV E-1168 fin fan start stop switch replaced and fixed
Comments to / from RSC	OA/ SH/ RBM COMMENTS
H o n e y w e I I	OMC COMMENTS
Plant Status	

saved and forwarded to Area

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 Wear ring issues E use only.
- * P-1109 LOTO'd for case vent pin hole leak.

Crude B Operational Issues:

Crude A Operational Issues:

V-1 & V-2 LOTO'd . Calgon removed spent carbon. Ready to be opened for inspection.

- * V4 & V-5 lead. V-1 & V-2 LOTO'd for carbon change.
- * Make up H₂O to F-3930 suspected to leak by, B/I @ Flare
- * P-3930A scheduled for maint. Pump piston slapping. Need to manually start P-3930B for high level.

Crude A Maintenance I ssues:

- P-1168A has inboard seal leak Maximo'd
- * P-1159A MOV not working properly MAX # 360342
- * P-1148A E-use Shaft bushing next to gear box loose Maximo #359944
- * FCC light side cut line blinded at the block valve in the channel street trench.

Cru	ude	В	Ma	int	e n	anc	e I	ssu	es:

DHT/5H2S/GHT Operational Issues:

DHT

<u>5H2S</u>

DHT/ 5H2S/ GHT Maintenance Issues:

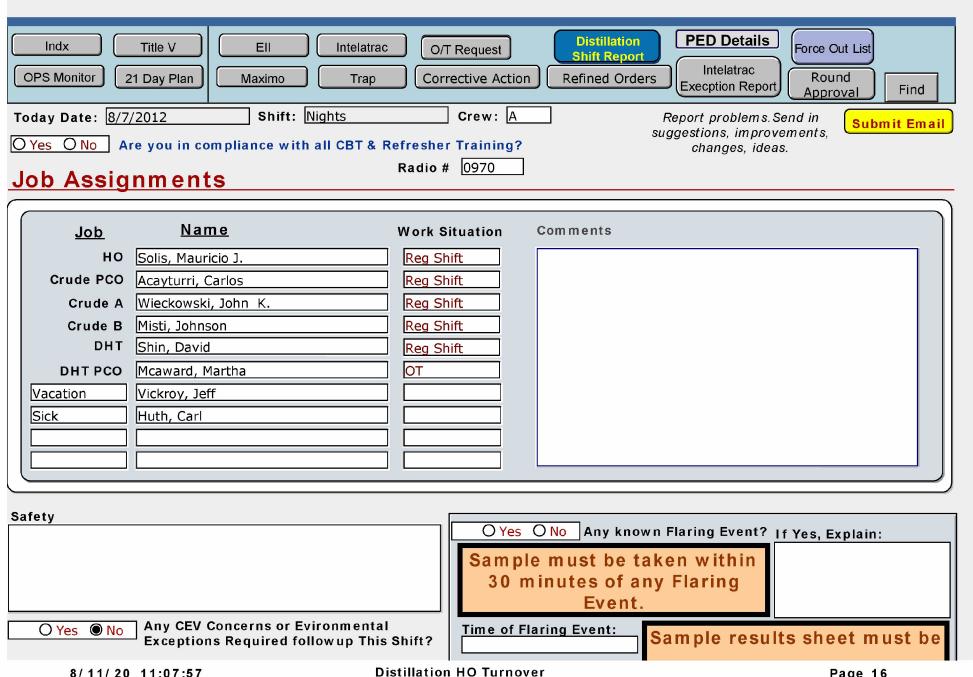
5H2S

DHT

* Possible tube leak in E-842.

8/11/2006 12:31:58 PM			
10/22/2008 4:27:50 PM	Adam Lovano	GHT	
1/8/2009 8:01:38 AM	Laura Lenahan	4cu	
4/2/2009 8:06:04 AM	Adam Lovano	DHT	
5/11/2009 5:07:41 PM	Adam Lovano	GHT	
10/13/2009 4:52:57 PM	Adam Beerman	5H2S/GHT	

Distillation & Reforming **Distillation HO**



Distillation HO Turnover

© Yes O No Did all hydrocarbon pumps meet Reg 8 Compliance ? If 'No' please explain:	Time Sample Taken: Supervisor. Time of sample drawn must be written on sheet.
HO Operational Issues: Set light plants thruout unit. S/ D steam to all jets. P-526A/ B s/ d. VOC isolated from pumps that we had access to.	* Welding on DHT fan decking will continue tomorrow K1100A - Ti 678 has bad thermocouple and TI-714 has bad wire from thermocouple to junction box. V1103 safety leaking, weep hole plug installed.
N2 and steam from debru area hooked up at 11PV111. N2 hooked up to 11FV-068 Steam being admitted to relief header at east end of fin fa deck. Wash oil Flush RI OP line from DHT	FV020A air is blocked in to keep valve open. T3147 level gage Max. #344770 (status says complete), reading 10' There is no level checked by reel gauge 360342 P-1159A MOV E-1168 fin fan start stop switch replaced and fixed
Comments to / from RSC	OA/ SH/ RBM COMMENTS
H one yw ell	OMC COMMENTS
Plant Status	

Distillation HO Turnover 8/11/20 11:07:57

* P-1158 MOV electrically repaired but still does not close even when

- done manually like it is not engaging. Maximo'd

 * P-1195 and P-1195A will require further maint in the near future
- * P-1109 LOTO'd for case vent pin hole leak.

Crude B Operational Issues:

Wear ring issues E use only.

Crude A Operational Issues:

V-1 & V-2 LOTO'd . Calgon removed spent carbon. Ready to be opened for inspection.

- * V4 & V-5 lead. V-1 & V-2 LOTO'd for carbon change.
- * Make up H₂O to F-3930 suspected to leak by, B/I @ Flare
- * P-3930A scheduled for maint. Pump piston slapping. Need to manually start P-3930B for high level.

Crude A Maintenance I ssues:

- P-1168A has inboard seal leak Maximo'd
- * P-1159A MOV not working properly MAX # 360342
- * P-1148A E-use Shaft bushing next to gear box loose Maximo #359944
- * FCC light side cut line blinded at the block valve in the channel street trench.

Cru	ude	В	Ma	int	e n	anc	e I	ssu	es:

DHT/5H2S/GHT Operational Issues:

DHT

<u>5H2S</u>

DHT/ 5H2S/ GHT Maintenance Issues:

5H2S

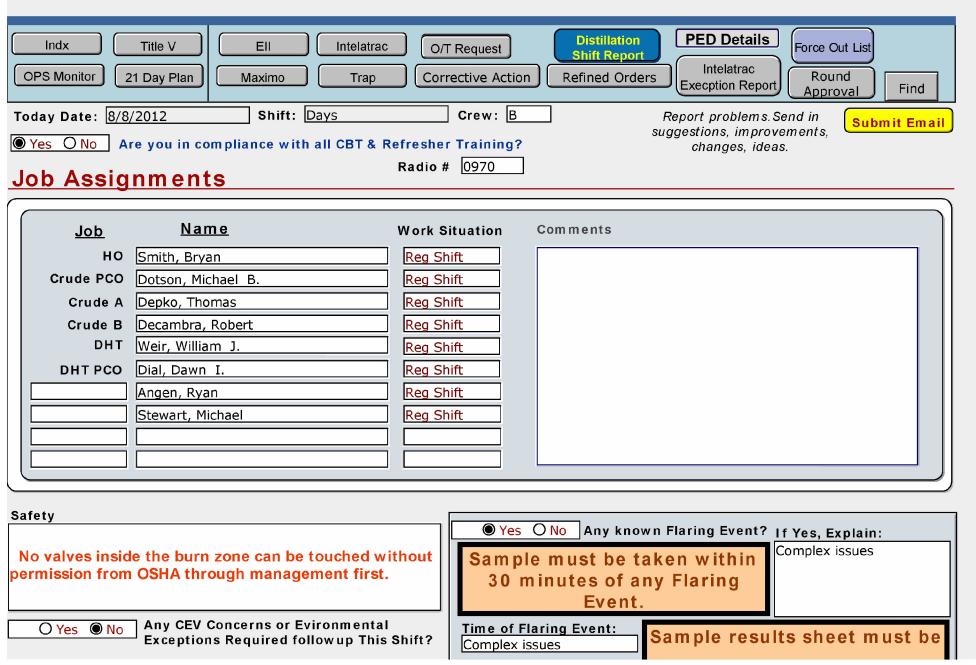
DHT

* Possible tube leak in E-842.

8/11/2006 12:31:58 PM			
10/22/2008 4:27:50 PM	Adam Lovano	GHT	
1/8/2009 8:01:38 AM	Laura Lenahan	4cu	
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5/11/2009 5:07:41 PM	Adam Lovano	GHT	
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8/11/20 11:07:57

Distillation & Reforming Distillation HO



Distillation HO Turnover

O Yes O No Did all hydrocarbon pumps meet Reg 8 Compliance ?	Saved and forwarded to Area Supervisor. Time of sample
If 'No' please explain:	Time Sample Run on GC: drawn must be written on sheet.
HO Operational I ssues:	HO Maintenance Issues:
Set light plants thruout unit. S/ D steam to all jets. P-526A/ B s/ d. VOC isolated from pumps that we had access to. N2 and steam from debru area hooked up at 11PV111. N2 hooked up to 11FV-068 Steam being admitted to relief header at east end of fin faideck. Wash oil Flush RI OP line from DHT	* Welding on DHT fan decking will continue tomorrow K1100A - Ti 678 has bad thermocouple and TI-714 has bad wire from thermocouple to junction box. V1103 safety leaking, weep hole plug installed. FV020A air is blocked in to keep valve open. T3147 level gage Max. #344770 (status says complete), reading 10' There is no level checked by reel gauge 360342 P-1159A MOV E-1168 fin fan start stop switch replaced and fixed.
Comments to / from RSC	OA/ SH/ RBM COMMENTS
Honeywell	OMC COMMENTS
Plant Status	

8/11/20 11:07:57

Distillation HO Turnover

* P-1158 MOV electrically repaired but still does not close even when

- done manually like it is not engaging. Maximo'd

 * P-1195 and P-1195A will require further maint in the near future
- * P-1109 LOTO'd for case vent pin hole leak.

Crude B Operational Issues:

Wear ring issues E use only.

Crude A Operational Issues:

V-1 & V-2 LOTO'd . Calgon removed spent carbon. Ready to be opened for inspection.

- * V4 & V-5 lead. V-1 & V-2 LOTO'd for carbon change.
- * Make up H₂O to F-3930 suspected to leak by, B/I @ Flare
- * P-3930A scheduled for maint. Pump piston slapping. Need to manually start P-3930B for high level.

Crude A Maintenance I ssues:

- P-1168A has inboard seal leak Maximo'd
- * P-1159A MOV not working properly MAX # 360342
- * P-1148A E-use Shaft bushing next to gear box loose Maximo #359944
- * FCC light side cut line blinded at the block valve in the channel street trench.

Crude B Maintenance Issues:

DHT/5H2S/GHT Operational Issues:

DHT

<u>5H2S</u>

DHT/5H2S/GHT Maintenance Issues:

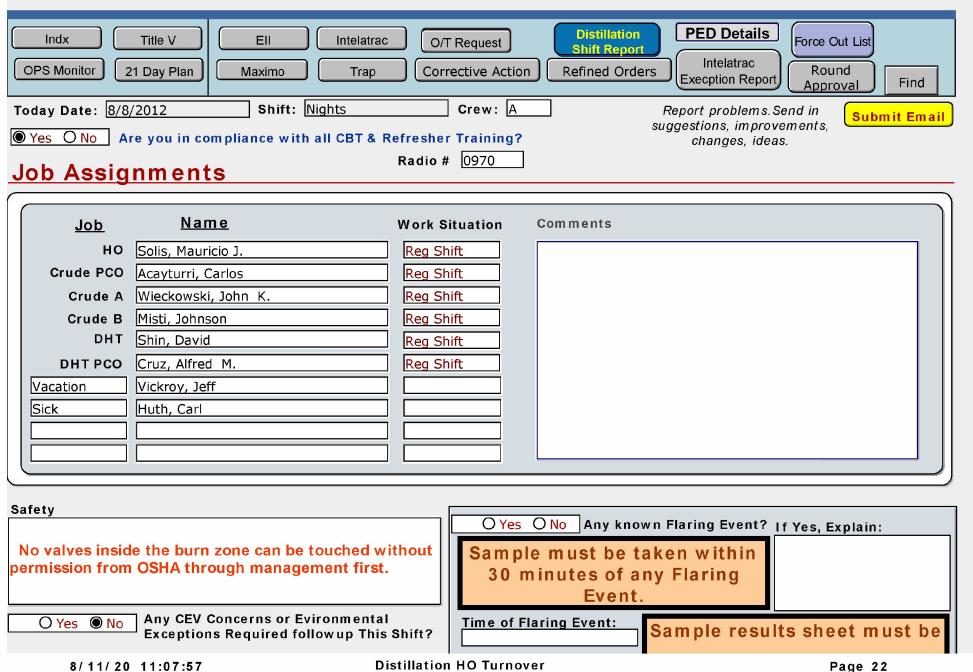
5H2S

DHT

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10/13/2009 4:52:57 PM	Adam Beerman	5H2S/GHT	

Distillation & Reforming **Distillation HO**



	Supervisor. Time of sample
f 'No' please explain:	Time Sample Run on GC: drawn must be written on
	sheet.
HO Operational I ssues:	HO Maintenance Issues:
8/8/12 - nites * Did steam test on relief header. did leak checks on what we had access to . * I solated the 150# steam line that branches into the burn zone. Will be able to commission steam systems. * I nstalled temporary pump by the k-1181 filters. Removed WO spool on P-1105A suction and PO spool on P-1165A the connected cargo hose to both locations so C-1100 will be able to be pumped.	from thermocouple to junction box. V1103 safety leaking, weep hole plug installed. FV020A air is blocked in to keep valve open. T3147 level gage Max. #344770 (status says complete), reading 10'
Comments to / from RSC	OA/ SH/ RBM COMMENTS
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,	
Plant Status	

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Crude B Operational Issues:

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Crude A Maintenance I ssues:

- P-1168A has inboard seal leak Maximo'd
- * P-1159A MOV not working properly MAX # 360342
- * P-1148A E-use Shaft bushing next to gear box loose Maximo #359944
- * FCC light side cut line blinded at the block valve in the channel street trench.

	r	u	d	е	В	Μa	tin	ite	na	n	се	1 5	SS	u	e	s	
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DHT/5H2S/GHT Operational Issues:

DHT

<u>5H2S</u>

DHT/ 5H2S/ GHT Maintenance Issues:

5H2S

DHT

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